

106.1 - Metal (Inorganics) Constituents in Natural Matrices (liquid and solid forms)

Also see:

- [106.11 Lead in Paint, Dust, Soil](#)
- [106.3 Mercury in Residential Paint](#)
- [106.3 Sulfur and Mercury in Fossil Fuels](#)
- [106.6 Fossil Fuel](#)
- [111.1 Foods and Beverages](#)
- [111.2 Air Canada Comparative Materials](#)
- [111.3 Glass](#)
- [111.5 Rocks and Minerals](#)
- [111.7 Soils, Sediments, and Sludges](#)

These SRMs and RM are for analysis of materials of health or environmental interest. [Also see Categories 105 and 111.]

Technical Contact: dr.mackay@nrc.ca.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Elemental Composition
1640	Natural Water	250 mL	
1640a	Trace Elements in Natural Water	1 bottle x 250 mL	22 elements certified 7 reference values
1641d	Mercury In Water	10x10 mL	1 element certified
1643e	Trace Elements in Water	250 mL	29 elements certified 1 information value
1646a	Estuarine Sediment	70 g	20 elements certified
1648a	Urban Particulate Matter	2 g	24 elements certified 8 reference values 6 information values
1944	New York/New Jersey Waterway Sediment	50 g	9 elements certified 19 reference values
1946	Lake Superior Fish Tissue	5 x 7-9 grams	3 elements certified 9 reference values
1947	Lake Michigan Fish Tissue	5 x 8 grams	8 elements certified 42 reference values
2385	Slurried Spinach	4x70 g	7 elements certified
2387	Peanut Butter	3 x 170 g	9 elements certified (numerous fatty acids and amino acids)
2451	Fine Carbon (Activated) - From Cyanide Ore Leaching	100 g	1 element certified (Hg) 1 reference value (Au)
2583	Trace Elements in Indoor Dust	8 g	5 elements certified
2584	Trace Elements in Indoor Dust	8 g	5 elements certified 10 reference values
2586	Trace Elements in Soil (contains lead from paint)	55 g	4 elements certified 18 reference values
2587	Trace Elements in Soil (contains lead from paint)	55 g	4 elements certified 14 reference values
2702	Inorganics in Marine Sediment	50 g	25 elements certified 8 reference values
2703	Sediment for Solid Sampling (Small, Sample) Analytical Techniques	5 g	22 elements certified 7 reference values 9 information values
2709a	San Joaquin Soil	50 g	19 elements certified 15 reference values 10 information values
2710a	Montana I Soil	50 g	22 elements certified 13 reference values 13 information values
SRM>	Description	Unit of Issue	Elemental Composition
2711a	Montana II Soil	50 g	25 elements certified 8 reference values 12 information values

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Also see:

- [105.11 Lead in Paint, Dust, Soil](#)
- [106.3 Mercury in Natural Gas](#)
- [108.3 Sulfur and Mercury in Fossil Fuels](#)
- [109.6 Fossil Fuel](#)
- [110.1 Foods and Beverages](#)
- [111.1 A Canada Comparative Materials](#)
- [111.2 Glass](#)
- [111.3 Rocks and Minerals](#)
- [111.7 Soils, Sediments, and Sludges](#)

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2780	Hard Rock Mine Waste	50 g	12 elements certified 7 reference values
2781	Domestic Sludge	40 g	10 elements certified
2782	Industrial Sludge	70 g	10 elements certified 16 reference values
2783	Air Particulate on Filter Media	2 +2 Blnk	18 elements certified; 9 ref values
2855	Additive Elements in Polyethylene	3 bottles	Level I 12 info values Level II & III 7 cert values 1 ref value, 4 info values
2976	Mussel Tissue (Trace Elements & Methylmercury) Freeze-dried	25 g	8 elements certified 20 reference values 3 information values
8704	Buffalo River Sediment	50 g	25 reference values
8785	Air Particulate Matter on Filter Media	3 filters	1 reference value
8786	Filter Blank for RM 8785	filter	1 information value